TABLE Y.—DB. NASKE, " STAHL UND EISEN," 1907, PP. 230 AND 233 (TABLES 5 AND 1.0).

20,018 kilogrammes molten pig iron charged, heated 90 minutes, after which ore additions made and metal worked up into ingot-iron.

No. of Test.	Time	Minutes from	Metal.					Slag.						Remarks.
			0	Si	Mn	p	s	Fe	i FeO	Fea Os	Mn	P-jO-,	8i02	
			Per cent.	Per cent.	Per cent.	Per cent.	Per cent.	Per cent.	Per cent.	Per cent.	Per cent.	Tor cent.	Per cent.	
1	10-0	----	4-47	0-70	2-31	0-15	0-04		—					Test of "teeming" into furnace.
2	10-5	5	4-45	0-44	2-17	0-12	0-03	4-86	N,0.	N.O.	16-96	1-65	27-70	
3	10-30	30	4-31	0-40	2-27	0-15	0-03	3-14	f)	5,	7-42	0-21	34-60	I Test from OH
4	10-50	50	4-14	0-33	2-41	0-15	0-02	1-07	}>	j j	3-71	0-05	41-30	\ir furnace.
5	11-15	75	4-04	0-23	2-48	0-14	0-02	0-95	}J	,5	2-94	0-02	39-80	i /
6	11-30	90	3-76	0-18	2-48	0-14	0-02	1-72	JJ	J^	2-94	0-05	35-80	Charge very hot ; 820 kg. ore.
7	11-55	115	2-98	0-05	0-87	0-06	__	10-85	12-05	2-11	18-97	2-29	22-90	After test, 1,640 kg. ore.
8	12-20	140	2-56	0-05	0-35	0-02	—	26-03	29-43	4-48	16'24	2-00 50	! 18-	w „ 820 „
9	1-15	195	1-60	0-05	0-31	0-04	—	14-88	17-55	1-77	14-42	1-74 80	! 22-	» » 820 „
10	2-5	245	0-46	0-02	0-28	0-01	—	—	—	—	—		__	j Charge over ted.
11	2-35	275	0-22	0-02	0-28	0-01	__	14-88	17-83	1-44	11-76 1-85		! 20-70	!• Bath cold.
12	3-0	300	0-05	0-01	—	0-01	—	13-52	14-82	2-87	10-85 58	! 1-	18-70 short.	j] Pretest red

LO
oo
w
fcd
td !>-
CO t—1
o
o
w
03
H t=J t=J tr1
hj
O t=! co
GO